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021004
13281 US PTOUTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 501.27932V23

First Inventor Gen Murakami, et al.

Title SEMICONDUCTOR DEVICE

Express Mail Label No.

APPLICATION ELEMENTS
SEE MPEP chapter 600 concerning utility patent application contents.ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages: 137]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets: 42 Shts: Figs. 1-78]
- Oath or Declaration [Total Sheets: 04]
 - Newly executed (original or copy)
 - Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
if applicable, all necessary
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
9.	<input type="checkbox"/> Assignment Papers (cover sheet & documents(s))
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
11.	<input type="checkbox"/> English Translation Document (if applicable)
12.	<input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
13.	<input checked="" type="checkbox"/> Preliminary Amendment
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.	<input checked="" type="checkbox"/> Other: Form PTO-2038 (Codes 1001/12032) and Claim For Priority

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/322,672

Prior application information: Examiner: C.W. Lattin

Art Unit: 2812

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	020457		OR <input type="checkbox"/> Correspondence address below		
Name	ANTONELLI, TERRY, STOUT & KRAUS				
Address	1800 NORTH SEVENTEENTH STREET				
	SUITE 1800				
City	ARLINGTON	State	Va	Zip Code	22209
Country	UNITED STATES	Telephone	703/312-6600	Fax	703/312-6666
Name (Print/Type)	William I. Solomon			Registration No. (Attorney/Agent)	28,565
Signature	<i>William I. Solomon</i>			Date	February 10, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/77405
21711 US PTO
021004



FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT **(\$770.00)**

Complete if Known	
Application Number	Unassigned
Filing Date	9 February 2004
First Named Inventor	Gen MURAKAMI et al.
Examiner Name	Unassigned
Group Art Unit	Unassigned

Attorney Docket No. **501.27932V23**

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge DEFICIENCIES indicated to:

Deposit Account Number 01-2135

Deposit Account Name AT&T

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION

2. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee Description	Fee Paid
1001	770	2001	385 Utility filing fee	
1002	340	2002	170 Design filing fee	
1003	530	2003	265 Plant filing fee	
1004	770	2004	385 Reissue filing fee	
1005	160	2005	80 Provisional filing fee	

SUBTOTAL (1)

\$770.00

1. EXTRA CLAIM FEES

Total Claims	6-20**	=	00	Fee from below	Fee Paid
				x\$18	= \$00

Indep. Claims	1-3**	=	00	x\$ 86	= \$00
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Multiple Dependent		=	
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Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee Description
1201	18	2201	9 Claims in excess of 20
1202	86	2202	43 Independent claims in excess of 3
1203	290	2203	145 Multiple dependent claim, if not paid
1204	86	2204	43 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$00

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge – late filing fee or oath	
127	50	227	25 Surcharge – late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

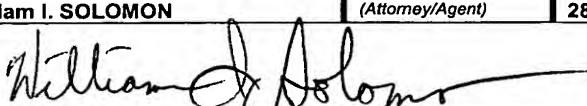
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William I. SOLOMON	Registration No. (Attorney/Agent)	28,565	Telephone	703-312-6600
Signature				Date	9 February 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.